

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants :	O'Donnell et al.	)	Examiner:
		)	To Be Assigned
Serial No. :	Continuation of 09/716,964	)	
		)	Art Unit:
Cnfrm. No. :	To Be Assigned	)	To Be Assigned
		)	
Filed :	Herewith	)	
		)	
For :	NUCLEIC ACID ENCODING AQUIFEX	)	
	AEOLICUS DELTA PRIME POLYMERASE	)	
	SUBUNIT	)	

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97-1.98

**Mail Stop: Patent Application**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicants hereby bring to the attention of the United States Patent and Trademark Office, the enclosed references listed on the attached PTO-1449 form.

Pursuant to 37 CFR § 1.98(d), the references identified on the attached PTO-1449 form are not provided, because these references either were previously cited by or submitted to the PTO in parent U.S. Patent Application Serial No. 09/716,964, filed November 21, 2000, of which this application claims priority under 35 USC § 120.

Respectfully submitted,

Date: September 25, 2003

  
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**EXPRESS MAIL CERTIFICATE**

DOCKET NO.: 22221/1080 (RU 339)  
APPLICANTS: Michael E. O'Donnell, Alexander Yuzhakov, Olga Yurieva,  
David Jeruzalmi, Irina Bruck, and John Kuriyan  
TITLE: NUCLEIC ACID ENCODING AQUIFEX AEOLICUS  
DELTA PRIME POLYMERASE SUBUNIT

Certificate is attached to the **Information Disclosure Statement (1 page) and PTO-1449 (6 page) (in duplicate) with 65 references (not attached)** of the above-named application.

EXPRESS MAIL NUMBER: EL983811777US  
DATE OF DEPOSIT: September 25, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Shawn A. Lockett  
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(Signature of person mailing paper or fee)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO. <b>22221/1080</b>	SERIAL NO. <b>Continuation of 09/716,964</b>
	APPLICANT <b>O'Donnell, et al.</b>	
	FILING DATE <b>Herewith</b>	GROUP ART UNIT <b>To Be Assigned</b>

## U.S. PATENT DOCUMENTS

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	1	5,192,674	03/09/1993	Oshima et al.			
	2	5,242,818	09/07/1993	Oshima et al.			
	3	5,322,785	06/21/1994	Comb et al.			
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	5	5,374,553	12/20/1994	Gelfand et al.			
	6	5,413,926	05/09/1995	Oshima et al.			
	7	5,500,363	03/19/1996	Comb et al.			
	8	5,545,552	08/13/1996	Mathur			

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	9	WO 91/09950	07/11/1991	WIPO			
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		11	Rudinger, "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence," In: Peptide Hormones, Ed. J.A. Parsons. University Park Press, Baltimore, MD, pages 1-7 (1976)
		12	Ngo et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," In: The Protein Folding Problem and Tertiary Structure Prediction, Eds. Merz et al., Birkhauser et al., Boston, MA, pages 491-495 (1994)
		13	Thornton et al., <u>Current Opinion in Biotechnology</u> 6(4):367-369 (1995)
		14	Wallace, <u>FASEB Journal</u> 7:505-515 (1993)
		15	McHenry et al., <u>J. Mol. Biol.</u> 272:178-189 (1997)
EXAMINER		DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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		25	Bukhrashvili et al., <u>Biochimica et Biophysica Acta</u> 1008:102-107 (1989)
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		27	Pluthero, <u>Nucleic Acids Research</u> 21(20):4850-4851 (1993)
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		36	Chen et al., <u>Proc. Natl. Acad. Sci USA</u> 5211-5215 (1992)
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		38	Dong et al., <u>J. Biol. Chem.</u> 11758-11766 (1993)
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		49	Maki et al., <u>J. Biol. Chem.</u> 263:6570-6578 (1988)
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		60	Tsuchihashi et al., <u>Gen. &amp; Dev.</u> 6:511-519 (1992)
		61	Tsuchihashi et al., <u>J. Biol. Chem.</u> 264:17790-17795 (1989)
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		63	Yin et al., <u>Nucl. Acids Res.</u> 14:6541-6549 (1986)
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		65	Ngo et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox, in The Program Folding Problem and Tertiary Structure Prediction, Merz et al. (ed.), Birkhauser, Boston, MA, pp. 433 and 492-495 (1994)
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